

LYCAENIDAE

24. *Nacaduba biocellata biocellata* (C. & R. Felder). Double-spotted lineblue. December (Narrabri).
25. *Lampides boeticus* (Linnaeus). Pea blue. September and October (Narrabri).
26. *Zizina otis labradus* (Godart). Common grass blue. September to December (Narrabri and Bellata).

Acknowledgement

I wish to acknowledge the assistance of the staff of the Australian Museum in confirming the identification of *Delias nysa nysa* and *Cepora perimale scyllara*.

References

- Common, I. F. B. and Waterhouse, D. F., 1972. *Butterflies of Australia*. 4to. Angus and Robertson, Sydney. Pp. i-xii, 1-498, illustr.
- Smithers, C. N. and Peters, J. V., 1972. Butterflies observed in Warrumbungle National Park, N.S.W. *Aust. ent. Mag.* 1(1): 11-12.

RECENT LITERATURE

Compiled by M. S. Moulds

ALDRICK, J. M.

1973. See CHRISTIAN, C.M.G. and ALDRICK, J.M., 1973.

1973a. See STANDFAST, H.A. and DYCE, A.L., 1973.

ANONYMOUS

1974d. Pesticides. The importance of pesticides in modern agriculture. *Agric. Gaz. N.S.W.* 85(4): 20-41, illustr.

1974e. Aust. crow butterfly. *Bendigo Nat.* 7(1): 7, illustr.

Lepidoptera: Nymphalidae: *Euploea core* (popular notes only)

1974f. Red-backs about. *Bendigo Nat.* 7(1): 18, illustr.

Arachnida: red-back spider

1975. Excursion report — Dularcha National Park, Sunday 20 April. *Q.N.C. News* 74: 3-4.

Lepidoptera: *Precis hedonia zelima*

Cupha prosopé prosopé

Euschemon rafflesia rafflesia

Q.N.C. News is the monthly newsletter of the Queensland Naturalists' Club.

ATKINS, Andrew

1974b. Further notes on the butterflies of Expedition Range, central Queensland. *Victorian Ent.* 4(6): 78.

1974c. Further notes on the response of Queensland danaid butterflies to selective attractants. *Aust. ent. Mag.* 2(2): 38.

BETSCH, J.-M. and MASSOUD, Z.

1972. Collemboles Symphypleones d'Australie: *Bourletides*, n.g., et Pygicornides. *Annls Soc. ent. Fr.* 8: 225-237.

BOUČEK, Z.

1974. The pteromalid subfamily Eutrichosomatinae (Hymenoptera: Cidoidea). *J. Ent. (B)*43(2): 129-138, text-figs 1-12.

CARDALE, Josephine C.

1974. See RIEK, E.F. and CARDALE, J.C., 1974.

CHRISTIAN, C. M. G. and ALDRICK, J. M.

1973. See STANDFAST, H.A. and DYCE, A.L., 1973.

COLLESS, D. H. and McALPINE, D. K.

1974. Diptera (flies). (Chapter 34). In: *The insects of Australia. Supplement*. Melb. Uni. Press, Carlton, Victoria. Pp. 91-96, text-figs.

CULVENOR, C. C. J.

1974. See EDGAR, J.A., CULVENOR, C.C.J. and PLISKE, T.E., 1974.

DAVIDSON, R. L.

1974. See HILDITCH, J. A., *et al.*, 1974.

DUNNET, G. M. and MARDON, D. K.

1974. A monograph of Australian fleas (Siphonoptera). *Aust. J. Zool. Suppl. Ser.* 30: 1-273, text-figs 1-405.

DYCE, A. L.

1973a. See STANDFAST, H.A. and DYCE, A.L., 1973.

1975. See FERRAR, P., STANDFAST, H.A. and DYCE, A.L., 1975.

EDGAR, J.A., CULVENOR, C.C.J. and PLISKE, T.E.

1974. Coevolution of danaid butterflies with their host plants. *Nature* (5468): 646-648.

EMMEL, Thomas C., KILDUFF, Thomas S. and McFARLAND, Noel

1974. The chromosomes of a long-isolated monotypic butterfly genus *Tellervo zoilus* (Nymphalidae: Ithomiinae) in Australia. *J. Ent.* 49(1): 43-46, text-figs 1-6.

FARROW, R. A.

1974a. A modified light-trap for obtaining large samples of night-flying insects and grasshoppers. *J. Aust. ent. Soc.* 13(4): 357-360, text-figs.

FERRAR, P., STANDFAST, H.A. and DYCE, A.L.

1975. A survey of blood-sucking and synanthropic Diptera and other insects on Norfolk Island, south Pacific. *J. Aust. ent. Soc.* 14: 7-13, table 1, text-fig. 1.

FILSHIE, B. K.

1974. See KITCHING, R.L. and FILSHIE, B.K., 1974.

FOSTER, G.G. and WHITTEN, M.J.

1974. The development of genetic methods of controlling the Australian sheep blowfly, *Lucillia cuprina*. In: *The use of genetics for insect control*. Edited by R. Pal and M.J. Whitten. Elsevier, North Holland.

FRENCH, J. R. J.

1974. A juvenile hormone analogue inducing caste differentiation in the Australian termite, *Nasutitermes exitiosus* (Hill) (Isoptera: Termitidae). *J. Aust. ent. Soc.* 13(4): 353-355, table 1, text-fig. 1.

GAY, F. J.

1974. The Australian termite genus *Occasitermes* (Isoptera: Termitidae: Nasutitermitinae). *J. Aust. ent. Soc.* 13(4): 275-283, text-figs 1-13.

GAY, F.J. and WATSON, J.A.L.

1974. Isoptera (termites). (Chapter 15). In: *The insects of Australia. Supplement 1974*. Melb. Uni. Press, Carlton, Victoria. Pp. 37-39, text-figs 16 & 17.

GEORGE, J. M.

1974. See ROBERTS, R.J. and GEORGE, J.M., 1974.

GREAVES, T. and HUGHES, R.D.

1974. The population biology of the meat ant. *J. Aust. ent. Soc.* 13(4): 329-351, tables 1-6, text-figs 1-14.

GREENUP, L.R. and JOHNS, G.G.

1974. Pasture seed theft by ants in northern New South Wales. *Abstr. Australas. Conf. Ecol. Grassland Inverteb.* 1974: 23-24.
Hymenoptera: Formicidae: *Pheidole* spp.

GUTIERREZ, A.P., HAVENSTEIN, D.E., NIX, H.A. and MOORE, P.A.

1974. Ecology of *Aphis craccivora* Koch and subterranean clover stunt virus in south-east Australia. 2. A model of cowpea aphid populations in temperate pastures. *J. appl. Ecol.* 11: 1-20.

GUTIERREZ, A.P., NIX, H.A., HAVENSTEIN, D.E. and MOORE, P.A.

1974. Ecology of *Aphis craccivora* Koch and subterranean clover stunt virus in south-east Australia. 3. A regional perspective of the phenology and migration of the cowpea aphid. *J. appl. Ecol.* 11: 21-35.

HAVENSTEIN, D. E.

1974. See GUTIERREZ, A.P., HAVENSTEIN, D.E., *et al.*, 1974.

1974a. See GUTIERREZ, A.P., NIX, H.A., *et al.*, 1974.

HILDITCH, J.A., DAVIDSON, R.L., RIDSDILL SMITH, T.J. and WOLFE, V.J.

1974. Fecundity and selection of oviposition sites by scarabs. *Abstr. Australas. Conf. Ecol. Grassland Inverteb.* 1974: 51-52.
Coleoptera: Scarabaeidae species

HILL, Graham

1974. Sound of summer. *Bendigo Nat.* 7(1): 8-9, illustr.
Hemiptera: Cicadidae: *Psaltoda moerens*

HUGHES, R. D.

1974. See GREAVES, T. and HUGHES, R.D., 1974.

JOHNS, G. G.

1974. See GREENUP, L.R. and JOHNS, G.G., 1974.

JONES, R.E. and WALKER, J.M.

1974. Some factors affecting protein feeding and egg development in the Australian bush fly *Musca vetustissima*. *Entomolgia exp. appl.* 17: 117-125.

KITCHING, R. L.

1974a. Controlling the sheep blowfly. *Aust. nat. Hist.* 18(4): 122-127, illustr.

KITCHING, R.L. and FILSHIE, B.K.

1974. The morphology and mode of action of the anal apparatus of membracid nymphs with special reference to *Sextius vireoscens* (Fairmaire) (Homoptera). *J. Ent.* (A)49(1): 81-88, text-figs 1-11.

LUTTON, G. G.

1974. See MILNER, R.J. and LUTTON, G.G., 1974.

McALPINE, D. K.

1974b. See COLLESS, D.H. and McALPINE, D.K., 1974.

McFARLAND, Noel

1974. See EMMEL, T.C., KILDUFF, T.S. and McFARLAND, N., 1974.

MAELZER, D. A.

1974. The rate of development of insects at temperatures outside the favourable range. *Abstr. Australas. Conf. Ecol. Grassland Invertebr.* 1974: 7-8.

Hemiptera: Cimicidae: *Cimex*

Coleoptera: Coccinellidae: *Leis conformis*

MARDON, D. K.

1974. See DUNNET, G.M. and MARDON, D.K., 1974.

MARSH, Neville and ROTHSCHILD, Miriam

1974. Aposematic and cryptic Lepidoptera tested on the mouse. *J. Zool. Lond.* 174(1): 89-122, tables I-VII, text-figs 1-3, plate I.
Lepidoptera: *Catopsilla pomona*

MASSOUD, Z.

1972. See BETSCH, J.-M. and MASSOUD, Z., 1972.

MILNER, R.J. and LUTTON, G.G.

1974. The pathogenicity and host range of an entomopoxvirus from *Othnonius batesi* (Scarabaeidae). *Abstr. Australas. Conf. Ecol. Grassland Invertebr.* 1974: 69-70.

Coleoptera: Scarabaeidae species

Lepidoptera: Hepialidae: *Oncopera alboguttata*

MOORE, P. A.

1974. See GUTIERREZ, A.P., HAVENSTEIN, D.E., *et al.*, 1974.

1974a. See GUTIERREZ, A.P., NIX, H.A., *et al.*, 1974.

NIX, H. A.

1974. See GUTIERREZ, A.P., HAVENSTEIN, D.E., *et al.*, 1974.

1974a. See GUTIERREZ, A.P., NIX, H.A., *et al.*, 1974.

O'FARRELL, A. F.

1974. See VERON, J.E.N., O'FARRELL, A.F. and DIXON, B., 1974.

PAL, R. and WHITTEN, M. J.

1974. See FOSTER, G.G. and WHITTEN, M.J., 1974.

PATERSON, C.G. and WALKER, K.F.

1974a. Recent history of *Tanytarsus barbatarsis* Freeman (Diptera: Chironomidae) in the sediments of a shallow, saline lake. *Aust. J. Zool. Freshwat. Res.* 25(3): 315-325, tables 1-6, text-figs 1-6.

PLISKE, T. E.

1974. See EDGAR, J.A., CULVENOR, C.C.J. and PLISKE, T.E., 1974.

RIDSDILL SMITH, T. J.

1974a. See HILDITCH, J.A., *et al.*, 1974.

RIEK, E.F. and CARDALE, Josephine C.

1974. Hymenoptera (wasps, bees, ants). (Chapter 37). *In: The insects of Australia. Supplement 1974.* Melb. Uni. Press, Carlton, Victoria. Pp. 107-111, text-figs 41 & 42.

See also MICHENER, C.D., 1974, and TAYLOR, R.W., 1974.

ROBERTS, R.J. and GEORGE, J.M.

1974. Weed invasion of improved pastures in relation to insect populations. *Abstr. Australas. Conf. Ecol. Grassland Inverteb.* 1974: 29-30.

Coleoptera: Scarabaeidae: *Anophlognathus* spp.
Rhopaea morbillosa

ROTHSCHILD, Miriam

1974. See MARSH, N. and ROTHSCHILD, M., 1974.

ROXBURGH, N. A.

1974. See SHANAHAN, G.J. and ROXBURGH, N.A., 1974.

SANKOWSKY, Garry

1975. Some new food plants for various Queensland butterflies. *Aust. ent. Mag.* 2(3): 55-56.

SCHWARZ, Michael P.

1975. Methods for keeping colonies of *Exoneura* (Hymenoptera, Anthophoridae) in artificial observation nests. *Victorian Ent.* 5(1): 88-90.

SHANAHAN, G.J. and ROXBURGH, N.A.

1974. Insecticide resistance in Australian sheep blowfly. *Agric. Gaz. N.S.W.* 85(4): 4-7, illustr.

Diptera: *Lucilia cuprina*

SLATER, James A. and WOODWARD, T.E.

1974. A new genus and four new species of Rhyparochrominae (Hemiptera): Lygaeidae) from Australia. *J. Aust. ent. Soc.* 13(4): 305-316, text-figs 8-13.

STANDFAST, H. A.

1975. See FERRAR, P., STANDFAST, H.A. and DYCE, A.L., 1975.

STANDFAST, H. A. and DYCE, A. L.

1973. Appendix V. List of blood-sucking arthropods. *In: Christian, C. S. and Aldrick, J. M., A review report of the Alligator Rivers Region environmental fact finding study.* Published in Darwin by the Study's Executive Committee. Limited edition. 4to. Appendix V, 3 pages.

VERON, J.E.N., O'FARRELL, A.F. and DIXON, B.

1974. The fine structure of Odonata chromatophores. *Tissue and Cell* 6(4): 613-626, table 1, text-figs 1-19.

WALKER, J. M.

1974. See JONES, R.E. and WALKER, J.M., 1974.

WALKER, K. F.

- 1974a. See PATERSON, C.G. and WALKER, K.F., 1974.

WALLACE, M. M. H.

1974. An attempt to extend the biological control of *Sminthurus viridis* (Collembola) to new areas in Australia by introducing a predatory mite, *Neomolgus capillatus* (Bdellidae). *Aust. J. Zool.* 22(4): 513-529, text-figs 1-4.

- 1974a. The entognathous hexapods. (Chapter 10). In: *The insects of Australia. Supplement 1974*. Melb. Uni. Press, Carlton, Victoria. Pp. 31-32, text-figs 13 & 14.

WALLACE, M. M. H. and WALTERS, M. C.

1974. The introduction of *Bdellodes lapidaria* (Acari: Bdellidae) from Australia into South Africa for biological control of *Sminthurus viridis* (Collembola). *Aust. J. Zool.* 22(4): 505-517, table 1, text-figs 1-7.

WALTERS, M. C.

1974. See WALLACE, M.M.H. and WALTERS, M.C., 1974.

WATSON, J. A. L.

- 1974a. See GAY, F.J. and WATSON, J.A.L., 1974.

- 1974b. Apterygota (primitively wingless insects). (Chapter 11). In: *The insects of Australia. Supplement 1974*. Melb. Uni. Press, Carlton, Victoria. P.33.

- 1974c. The Australian harvester termite, *Drepanotermes* (Termitidae). *Australas. Conf. Ecol. Grassland Inverteb.* 1974: 53.

- 1974d. Caste development and its seasonal cycle in the Australian harvester termite, *Drepanotermes perniger* (Froggatt) (Isoptera: Termitidae). *Aust. J. Zool.* 22(4): 471-487, tables 1-4, text-figs 1-23.

WEBB, G. G.

1974. Cytotaxonomy of Australian Dermaptera. In: E.T. Giles, Dermaptera (earwigs), Chapter 19, in: *The insects of Australia. Supplement 1974*. Melb. Uni. Press, Carlton, Victoria. Pp. 42-43, table 2, text-figs 1-4.

WHITE, M. J. D.

1974. Cytogenetics. (Chapter 3). In: *The insects of Australia. Supplement 1974*. Melb. Uni. Press, Carlton, Victoria. Pp. 15-18.

WHITTEN, M. J.

1974. See FOSTER, G.G. and WHITTEN, M.J., 1974.

- 1974a. See PAL, R., and WHITTEN, M.J., 1974.

WILSON, James Otto

- OBITUARY. *Aust. ent. Mag.* 2(2): 40-42.

WOLFE, V. J.

1974. See HILDITCH, J. A., et al., 1974.

WOODWARD, T. E.

1974. See SLATER, J.A. and WOODWARD, T.E., 1974.